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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/751,040	12/29/2000	Martin Larsson	010315-126	7739

7590

07/01/2004

ERICSSON INC.
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EXAMINER

CHOUDHURY, AZIZUL Q

ART UNIT PAPER NUMBER

2143

DATE MAILED: 07/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/751,040	LARSSON, MARTIN	
	Examiner	Art Unit	
	Azizul Choudhury	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 23-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 23-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☒ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Detailed Action

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 23-44 are rejected under 35 U.S.C. 102(b) as being anticipated by Dulman (US Pat No: US005915008A).

1. With regards to claim 23, Dulman teaches an arrangement in a communications network comprising an Intelligent Network (IN) including means for establishing connection with a client site through a communication link, wherein said client site includes remotely controllable devices arranged with controlling means, and said IN further includes a service arrangement providing remote control services for controlling said devices in said client site (Dulman presents a design for Intelligent Networks that uses customer premises equipment (CPE). In addition, the design allows for customers to remotely adjust the devices attached through the Intelligent Network and hence provides customers with remote control over devices as claimed (column 4, lines 45-64, Dulman)).

2. With regards to claim 24, Dulman teaches the arrangement wherein said IN further includes an Automating Service Server (Dulman's design uses such servers, they are described in the disclosure under the name Access Servers (column 4, line 53, Dulman)).
3. With regards to claim 25, Dulman teaches the arrangement wherein said Automating Service Server includes a database having information corresponding to the client site (Dulman's design uses databases to store customer profile data (column 1, lines 5-10, Dulman)).
4. With regards to claim 26, Dulman teaches the arrangement wherein said information includes at least a communication category with the client site, type of control means, and type of services available (The customer profile data (column 1, lines 5-10, Dulman) is used for providing the customer with intelligent network (IN) services. Hence, the claimed traits must be present within the profiles).
5. With regards to claim 27, Dulman teaches the arrangement further comprising a traffic adapter for converting control signals from the IN to a signal adapted to client site control signals (Dulman's design allows for a variety of interface formats to be used since the format are converted as necessary (column 4, lines

55-59, Dulman). Hence, the control signal conversion means are present within Dulman's design).

6. With regards to claim 28, Dulman teaches the arrangement further comprising a Communication Interface for communication with the client (Dulman's design allows for a variety of interface formats and hence must allow for communication interfaces (column 4, lines 55-59, Dulman)).
7. With regards to claim 29, Dulman teaches the arrangement wherein said Communication Interface includes several types of communication devices (Dulman's design allows for a variety of interface formats and hence must allow for a variety of communication devices (column 4, lines 55-59, Dulman)).
8. With regards to claim 30, Dulman teaches the arrangement wherein said Communication Interface includes means for encrypting and decrypting signals to at least one client site (Dulman's design allows for security (column 4, lines 25-27, Dulman)).
9. With regards to claim 31, Dulman teaches the arrangement wherein said traffic adapter includes protocols for converting the IN control signals to at least one of LONworks, Cebus and X-10 client site control signals (Dulman's design allows for a variety of formats (column 4, lines 55-59, Dulman)).

10. With regards to claim 32, Dulman teaches the arrangement wherein the IN further includes a Service Switching Point and Service Control Points (Dulman's design has switching points (column 5, line 7, Dulman) and service control points (column 6, line 58, Dulman)).
11. With regards to claim 33, Dulman teaches the arrangement wherein the Service Switching Point and Service Control Points communicate with the Automating Services Server using TCP/IP (Dulman's design uses TCP/IP (column 7, line 45, Dulman)).
12. With regards to claim 34, Dulman teaches the arrangement wherein said client site further includes a Communication Interface (Dulman's design allows for a variety of interface formats and hence must allow for a variety of communication interfaces (column 4, lines 55-59, Dulman)).
13. With regards to claim 35, Dulman teaches the arrangement wherein said client site further includes a Local Area Network (LAN) (Dulman's design uses local area networks (column 10, lines 16-17, Dulman)).
14. With regards to claim 36, Dulman teaches the arrangement wherein said Communication Interface communicates using at least one of PSTN, ISDN,

ADSL, ATM and powerline (Dulman's design allows for a variety of communication lines, including ISDN (column 4, lines 59-64, Dulman)).

15. With regards to claim 37, Dulman teaches the arrangement wherein said LAN is a powerline based network (Dulman's design allows for a variety of communication lines (column 4, lines 59-64, Dulman)).

16. With regards to claim 38, Dulman teaches a communications network comprising: a service provider part including a service providing server; a client part including at least one remotely controllable device; and communications means to connect the service provider part and the client part, wherein the service provider server is part of an Intelligent Network (IN) and includes at least information corresponding to the at least one remotely controllable device and further includes means to provide initiation commands through the communications means when initiated by a client (Dulman presents a design for Intelligent Networks that uses customer premises equipment (CPE). In addition, the design allows for customers to remotely adjust the devices attached through the Intelligent Network and hence provides customers with remote control over devices as claimed (column 4, lines 45-64, Dulman)).

17. With regards to claim 39, Dulman teaches the communications network wherein the client part further includes a powerline network (Dulman's design allows for a variety of communication lines (column 4, lines 59-64, Dulman)).

18. With regards to claim 40, Dulman teaches the communications network wherein the network is a telecommunication network (Dulman's design allows for a variety of communication lines (column 4, lines 59-64, Dulman)).

19. With regards to claim 41, Dulman teaches a method for remotely controlling at least one device at a remote site using a communication network, the method comprising the steps of: arranging a remote management service in an Intelligent Network (IN); connecting a service request from a client to said service in said IN; generating a management command by means of said service; and transmitting the command to a location specified by the client (Dulman presents a design for Intelligent Networks that uses customer premises equipment (CPE). In addition, the design allows for customers to remotely adjust the devices attached through the Intelligent Network and hence provides customers with remote control over devices as claimed (column 4, lines 45-64, Dulman)).

20. With regards to claim 42, Dulman teaches the method further comprising the step of converting the management command into a form receivable by the at least

one remotely controlled device (Dulman's design allows for a variety of formats (column 4, lines 55-59, Dulman)).

21. With regards to claim 43, Dulman teaches the method wherein the service is provided through one of subscription and purchasing (The users in Dulman's design are subscribers and hence subscriptions and purchasing means must exist (column 1, lines 5-10, Dulman)).

22. With regards to claim 44, Dulman teaches the method wherein the service is integrated into telephony services and provided through local exchanges of a public telephone network (Dulman's design allows for telephone networks (Figure 2, Dulman)).

Remarks

After careful review of the application, the examiner failed to note any truly unique traits within the design claimed. The claims provided are seen as being general and would benefit from the inclusion of more detailed specifications. In addition, should the applicants have any further details regarding their design that would present their design as being truly unique over the prior art provided by the examiner, they are encouraged to amend the specifications and claims to reflect such changes.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Azizul Choudhury whose telephone number is 703-305-7209. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 703-308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AC


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